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12-17-01

PTO/SB/05 (11-00)

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12/10/01
JC952 U.S. PTO
JC955 U.S. PTO
JC956 U.S. PTO

UTILITY
PATENT APPLICATION
TRANSMITTAL

Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No 282172000404

First Inventor Derek HEI

Title ADSORBING PATHOGEN-INACTIVATING COMPOUNDS WITH POROUS PARTICLES IMMOBILIZED IN A MATRIX

Express Mail Label No EL569250103US

10/10/01
JC955 U.S. PTO
JC956 U.S. PTO

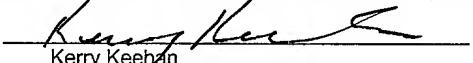
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CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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Date of Deposit: December 10, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.


Kerry Keegan

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- Fee Transmittal Form (e.g. PTO/SB/17) w/copy - 2 pages
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 80]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 USC 113) [Total Sheets 15]
- Oath or Declaration [Total Pages 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
- Application Data Sheet. See 37 CFR 1.76 - 2 PAGES

- 7 CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on.
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- 9 Assignment Papers (cover sheet & document(s))
- 10 37 CFR 3 73(b) Statement
(where there is an assignee) Power of Attorney
- 11 English Translation document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 - 5 pages Copies of IDS Citations - 2 references
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
Should be specifically itemized
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i) Applicant must attach form PTO/SB/35 or its equivalent.
17. Other Publication Copy of Application (w/cover sheet) - 8 pages, Formal Drawings - 15 sheets

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

Continuation Divisional Continuation-in-part (CIP) of prior application No 09/112,068 filed July 8, 1998

Prior application information

Examiner D. Naff

Group / Art Unit 1651

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

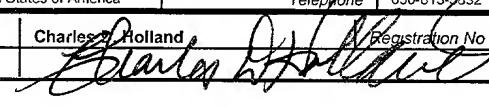
or Correspondence address below



25226

PATENT TRADEMARK OFFICE

(Insert Customer No. or Attach bar code label here)

| | | | | | |
|-------------------|---|-----------------------------------|--------------|----------|--------------|
| Name | Morrison & Foerster, LLP | | | | |
| Address | 755 Page Mill Road | | | | |
| City | Palo Alto | State | California | Zip Code | 94304-1018 |
| Country | United States of America | Telephone | 650-813-5532 | Fax | 650-494-0792 |
| Name (Print/Type) | Charles E. Holland | Registration No. (Attorney/Agent) | 35,196 | | |
| Signature |  | | | | |
| | Date December 10, 2001 | | | | |

FEE TRANSMITTAL FOR FY 2002

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT

(\$ 1,776)

Complete if Known

| | |
|----------------------|----------------|
| Application Number | To Be Assigned |
| Filing Date | To Be Assigned |
| First Named Inventor | Derek J. HEI |
| Examiner Name | To Be Assigned |
| Group Art Unit | To Be Assigned |

Attorney Docket No. 282172000404

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 03-1952

Deposit Account Name Morrison & Foerster LLP

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status See 37 CFR 1.27

2. Payment Enclosed:

Check Credit Card Money Order Other

FEE CALCULATION (continued)

1. BASIC FILING FEE

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101 | 740 | 201 | 370 | Utility filing fee | 740 |
| 106 | 330 | 206 | 165 | Design filing fee | |
| 107 | 510 | 207 | 255 | Plant filing fee | |
| 108 | 740 | 208 | 370 | Reissue filing fee | |
| 114 | 160 | 214 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$ 740)

2. EXTRA CLAIM FEES

| Total Claims | -20** = | Extra Claims | Fee from below | Fee Paid |
|----------------------|---------|--------------|----------------|----------|
| 62 | -20** = | 42 | x 18 | = \$ 756 |
| Independent Claims 1 | -3** = | 0 | x 84 | = \$ 0 |
| Multiple Dependent | | | | = \$ 280 |
| | | | | |

SUBTOTAL (2) (\$ 1,036)

** or number previously paid, if greater; For reissues, see above.

3. ADDITIONAL FEES

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description | Fee Paid |
|----------------|-----------------|----------------|-----------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | Notice of Appeal | |
| 120 | 320 | 220 | 160 | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | Design issue fee | |
| 144 | 620 | 244 | 310 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions of the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional applications | |
| 126 | 180 | 126 | 180 | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | Recording each patent assignment per properties (times number of properties) | |
| 146 | 740 | 246 | 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | |

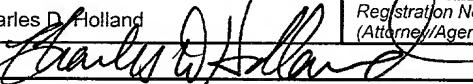
Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

SUBMITTED BY

Complete (if applicable)

| | | | | | |
|-------------------|---|-----------------------------------|--------|-----------|-------------------|
| Name (Print/Type) | Charles D. Holland | Registration No. (Attorney/Agent) | 35,196 | Telephone | (650) 813-5832 |
| Signature |  | | | Date | December 10, 2001 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.